

Converting Colors

RGB(101, 233, 222)

Have a look what the booklet for
RGB(101, 233, 222) contains.

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Color

RGB(101, 233, 222)

Conversions

| Conversions Part 1 | |
|--------------------|------------------------------|
| Format | Color |
| Hex | 65E9DE |
| RGB | 101, 233, 222 |
| RGB Percent | 40%, 91%, 87% |
| CMY | 0.6039, 0.0863, 0.1294 |
| CMYK | 0.57, 0.00, 0.05, 0.09 |
| HSL | 175°, 75%, 65% |
| HSV | 175°, 57%, 91% |
| XYZ | 47.6906, 66.3185, 79.3944 |
| YIQ | 192.2780, -75.1410, -31.4050 |

Conversions

Conversions Part 2

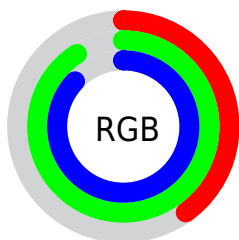
| Format | Color |
|-------------------------------------|---|
| RYB | 101, 170, 233 |
| Decimal | 6679006 |
| CIELab | 85.16, -38.71, -5.60 |
| CIELCh | 85, 39.117, 188.235 |
| Yxy | 66.3185, 0.2466, 0.3429 |
| Android (android.graphics.Color) | 4284869086 (0xFF65E9DE) |
| YUV | 192.2780, 14.6529, -80.0508 |
| Hunter-Lab | 81.4361, -37.9802, -0.7982 |

Details

The RGB color **101, 233, 222** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **233, 101, 112**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **163, 255, 255**, and **19, 177, 167** is the 20% darker color. If you saturate the color by 10%, you get **78, 233, 220**, and if you desaturate by 10%, it is **124, 233, 224**.

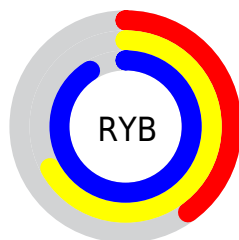
Distribution



Red (40%)

Green (91%)

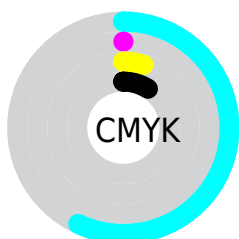
Blue (87%)



Red (40%)

Yellow (67%)

Blue (91%)

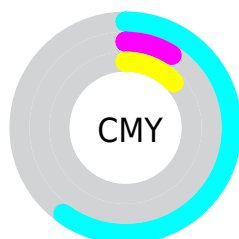


Cyan (57%)

Magenta (0%)

Yellow (5%)

Black (9%)



Cyan (60%)

Magenta (9%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 101, 233, 222 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 101, 233, 222 by changing the saturation by 10% instead.

 101, 233, 222

255, 255, 255

 163, 255, 255


 193, 255, 255

 223, 255, 255

254, 255, 255

 101, 233, 222

 67, 205, 194

 19, 177, 167

 0, 150, 141

 0, 123, 115

 0, 98, 91


 0, 73, 67

 0, 49, 45

 0, 27, 25

 0, 0, 0

 101, 233, 222

 101, 233, 222

 78, 233, 220

 124, 233, 224

 54, 233, 218

 148, 233, 226

 31, 233, 216

 171, 233, 228

 8, 233, 214

 194, 233, 230

 0, 233, 214

 218, 233, 232

 241, 233, 234

 255, 233, 236

 255, 233, 238

 255, 233, 239

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



143, 231, 184



101, 233, 222



84, 231, 255

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



101, 233, 222



231, 200, 255



255, 201, 145

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



101, 233, 222



233, 101, 112

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 190, 169



101, 233, 222



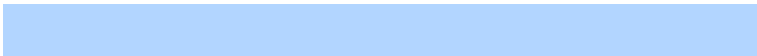
255, 188, 241

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



101, 233, 222



178, 213, 255



255, 185, 204



228, 214, 139

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



101, 233, 222



104, 227, 255



255, 185, 204



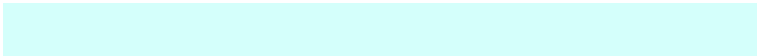
255, 197, 151

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



101, 233, 222



212, 255, 251



112, 233, 101



102, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



101, 233, 222



82, 255, 241



101, 178, 233



106, 117, 116



0, 181, 166



0, 54, 49

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



233, 101, 112



255, 82, 96



233, 156, 101



117, 106, 107



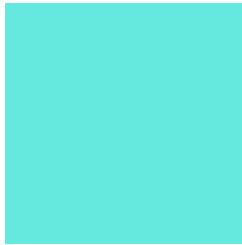
181, 0, 15



54, 0, 4

Previews

White Background



This preview shows how the RGB color 101, 233, 222 looks on a white background.

Color Contrast Check

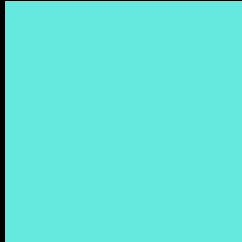
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 101, 233, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

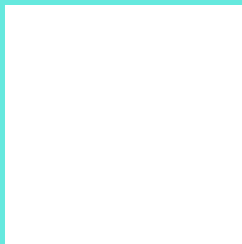
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 101, 233, 222 Background



This preview shows how black text looks on a background with the RGB color 101, 233, 222.

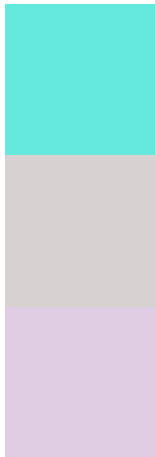


This preview shows how white text looks on a background with the RGB color 101, 233, 222.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

101, 233, 222

Protanopia

215, 210, 209

Deuteranopia

224, 205, 228



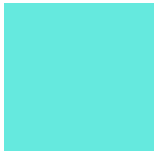
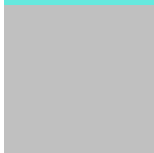

Tritanopia

111, 229, 248

Trichromacy

| | |
|---|--|
|  | Original Color 101, 233, 222 |
|  | Protanomaly 174, 218, 214 |
|  | Deuteranomaly 179, 215, 226 |
|  | Tritanomaly 107, 230, 239 |

Monochromacy

| | |
|---|--|
|  | Original Color 101, 233, 222 |
|  | Achromatopsia 192, 192, 192 |
|  | Achromatomaly 159, 207, 203 |

CSS Examples

Text

The CSS property to change the color of the text to RGB 101, 233, 222 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(101, 233, 222)` looks like.

```
.text, #text, p{  
    color:rgb(101, 233, 222)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(101, 233, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 233, 222) }
```

Border

The CSS property to change the border of an element to RGB 101, 233, 222 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(101, 233, 222) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(101, 233, 222) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(101, 233, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 233, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 233, 222);  
box-shadow:4px 4px 4px 4px rgb(101, 233,  
222) }
```

Background

The CSS property to change the background color of an element to RGB 101, 233, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 233, 222) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(101,  
233, 222) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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